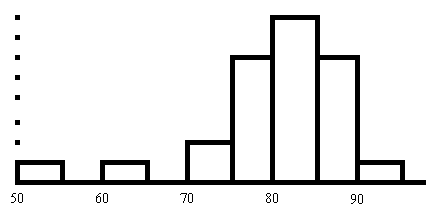
Stat and Data Analysis: CW 2.2A Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BLOCK: \_\_\_\_\_\_\_\_\_\_

**Describe each distribution (shape, center, spread). Be sure to pick the right measure of center & spread.**

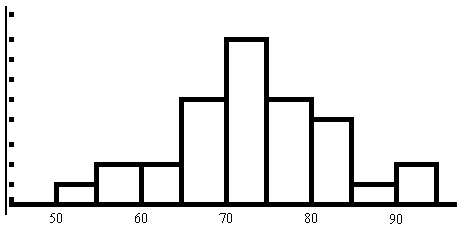
1)



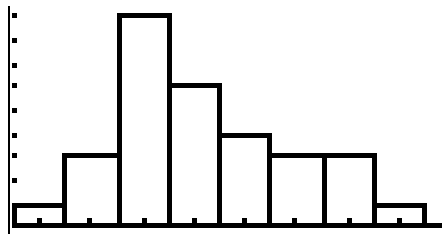


Min = 52 max = 94

2)

 min = 54 max = 91

3)

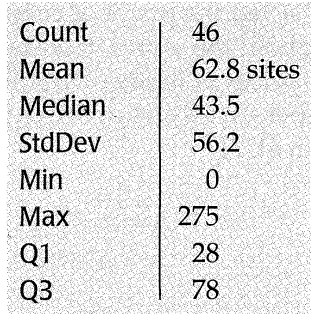
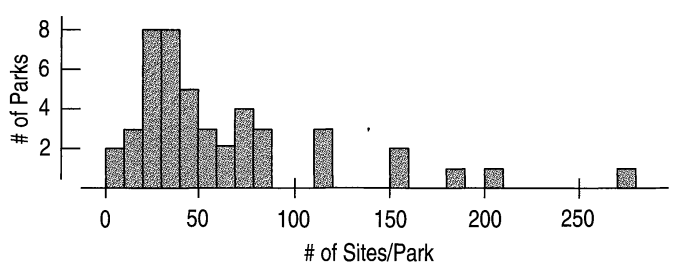
 min = 63 max = 98

**4) Given the following summary stats, what shape do you think each distribution has (symm, left skew, right skew)? Why??**

a) s = 12.3 min = 12 Q1 = 29 Med = 39.2 Q3 = 46 max = 52

b) 2.8 s = 0.9 min = 1.6 Q1 = 1.8 Med = 2.3 Q3 = 3.1 max = 5.2

**5) Shown below are the histogram and summary statistics for the number of camp sites at public parks in Vermont.**



1. Which statistics would you use to identify the **center** and **spread** of this distribution? Why?
2. Test for outliers (show work). How many parks would you classify as outliers?

1. If you know that the two observations in the 150 – 160 bar are 151 and 159, create a boxplot of the distribution below.
2. Describe the distribution.